Technology Area

DEFINITION

Name	Logical Access Controls
Description	Logical access controls are protection mechanisms that limit users' access to information and restrict their forms of access on the system to only what is appropriate for them. Logical access controls are typically a system of measures and procedures, both within an organization and in the software products used, aimed at protecting computer resources (data, programs and terminals) against unauthorized access attempts.
Rationale	Logical Access Control policies and procedures provide assurance that access to operating systems, programs, and data is limited to properly authorized individuals.
Benefits	• Preventing intruders from entering state of Missouri systems • Constraining the authorized users to their legitimate purposes

ASSOCIATED ARCHITECTURE LEVELS

List the Domain Name	Security
List the Discipline Name	Technical Controls

Associated Compliance Components

List the Compliance Component Names	• Logon Banners • Date/Time Controls • Inactivity Controls

Associated Product Components

List the Product Component Names	

TECHNOLOGY AREA DETAIL

Supporting Documentation	NIST SP 800-18, Guide for Developing Security Plans for Information Technology Systems
Document Source Reference #	www.csrc.nist.gov/publications/nistpubs

Standard Organization / Government Body

Name	National Institute of Standards and Technology (NIST), Computer Security Resource Center (CSRC)	*Website*	http://csrc.nist.gov/
Contact Information	inquiries@nist.gov		
Name	National Security Agency (NSA), Security Recommendation Guides	*Website*	http://nsa2.www.conxion.com/index.html
Contact Information	W2KGuides@nsa.gov		

KEYWORDS

List Keywords	Misuse, entry, least privilege, create, read, write, update, delete

CURRENT STATUS				
Provide the Current Status	☐ *In Development*	☐ *Under Review*	☒ *Approved*	☐ *Rejected*
AUDIT TRAIL				
Creation Date	3/6/2003	*Date Accepted / Rejected*	03/24/2003	
Reason for Rejection				
Last Date Reviewed		*Last Date Updated*		
Reason for Update				